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<sup>ৡ</sup>Title : JP2099606A2: FIBER HAVING DEODORANT AND ANTIMICROBIAL

PERFORMANCE AND PRODUCTION THEREOF

Derwent Title: Fibre with deodorant and antimicrobial properties - comprises

thermoplastic polymer contg. dispersion of zinc silicate microparticles

and polyester cpd. [Derwent Record]

Country: JP Japan

∠ & Kind:

KAWAMOTO MASAO; Inventor: TANAKA KAZUHIKO;

**KURARAY CO LTD** \*Assignee:

News, Profiles, Stocks and More about this company

Published / Filed: 1990-04-11 / 1988-09-29

> Application Number: 3'IPC Code:

JP1988000246066

D01F 1/10; A61L 2/16; A61L 9/01; C08K 3/20; C08K 3/34; CO8L 67/02; CO8L 67/02; DO1F 1/02; DO1F 6/90; DO1F 6/92;

D01F 6/92; D01F 8/14; D06M 23/00;

Priority Number: 1988-09-29 JP1988000246066

3 Abstract: PURPOSE: To obtain the subject fiber useful as diapers, carpets, etc., without deteriorating deodorant and antimicrobial performances even in frequent washing by dispersing a mixture of zinc-based inorganic fine particles with a polyester-based compound in a

thermoplastic polymer.

CONSTITUTION: The objective fiber obtained by dispersing (A) 0.1-10wt.% inorganic fine particles, consisting of zinc oxide and silicon dioxide at (1:5)-(5:1) weight ratio and mostly containing zinc silicate of an amorphous structure with ≤5µ average particle diameter and (B) 0.1-10wt.% liquid polyester-based compound having ≥10P viscosity at 10-25°C melting point in (C) a thermoplastic polymer having ≥150°C melting point.

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Family: None

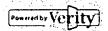
\* Forward References:

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PDF	Patent	Pub.Date	Inventor	Assignee	Title
A	US6723428	2004-04-20	Foss; Stephen W.	Foss Manufacturing Co., Inc.	Anti-microbial fiber and fibrous products

Other Abstract DERABS C90-159153 DERC90-159153





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